

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 1294 | (701/41).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/01/30 08:06 |
| S2    | 8    | "724997".ap.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/12/13 07:15 |
| S3    | 802  | S1 and torque   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/12/13 07:18 |
| S4    | 763  | S1 and torque and steer\$3 with control                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/12/13 07:26 |
| S5    | 9    | (("6208923") or ("6523637") or ("6650979") or ("2003098197")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/12/13 07:29 |
| S6    | 8    | ("1314628").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/12/13 07:30 |
| S7    | 2    | ("6820715").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/12/13 07:30 |
| S8    | 130  | S1 and ("steer by wire" or "steer-by-wire")                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/12/13 07:31 |

## EAST Search History

|     |     |  |       |    |    |                  |
|-----|-----|--|-------|----|----|------------------|
| S10 | 100 | (US-4444286-\$ or US-4986379-\$ or<br>US-5475289-\$ or US-5743351-\$ or<br>US-4446697-\$ or US-4518053-\$ or<br>US-4989683-\$ or US-5445234-\$ or<br>US-5747950-\$ or US-5804935-\$ or<br>US-5819870-\$ or US-5845736-\$ or<br>US-6005358-\$ or US-6008599-\$ or<br>US-6135231-\$ or US-6241037-\$ or<br>US-3627070-\$ or US-3885204-\$ or<br>US-4028597-\$ or US-4260035-\$ or<br>US-4280579-\$ or US-4294552-\$ or<br>US-4295539-\$ or US-4301881-\$ or<br>US-RE31067-\$ or US-4313364-\$).<br>did. or (US-4318701-\$ or<br>US-4336484-\$ or US-4341280-\$ or<br>US-4347907-\$ or US-4369855-\$ or<br>US-4377847-\$ or US-4399886-\$ or<br>US-4406951-\$ or US-4500818-\$ or<br>US-4520299-\$ or US-4547715-\$ or<br>US-4549707-\$ or US-4556116-\$ or<br>US-4565956-\$ or US-4573545-\$ or<br>US-4591014-\$ or US-4611682-\$ or<br>US-4765426-\$ or US-4785684-\$ or<br>US-4809803-\$ or US-4854687-\$ or<br>US-4865144-\$ or US-4895052-\$ or<br>US-4946411-\$ or US-4972916-\$ or<br>US-4986387-\$ or US-4989466-\$).<br>did. or (US-4991676-\$ or<br>US-5181173-\$ or US-5194025-\$ or<br>US-5202830-\$ or US-5222568-\$ or<br>US-5238077-\$ or US-5245966-\$ or<br>US-5248009-\$ or US-5261631-\$ or<br>US-5267627-\$ or US-5285867-\$ or<br>US-5289894-\$ or US-5304912-\$ or<br>US-5323866-\$ or US-5345155-\$ or<br>US-5354180-\$ or US-5376868-\$ or<br>US-5410456-\$ or US-5453930-\$ or<br>US-5465806-\$ or US-5474147-\$ or<br>US-5482125-\$ or US-5487437-\$ or<br>US-5505408-\$ or US-5540299-\$ or<br>US-5540037-\$ or US-5553517-\$).<br>did. or (US-5578911-\$ or<br>US-5630564-\$ or US-5668722-\$ or<br>US-5670854-\$ or US-5684700-\$ or<br>US-5701066-\$ or US-5704446-\$ or<br>US-5719766-\$ or US-5740880-\$ or<br>US-5890555-\$ or US-5892338-\$ or<br>US-5901805-\$ or US-5931256-\$ or<br>US-5942862-\$ or US-5964306-\$ or<br>US-5973463-\$ or US-6002226-\$ or<br>US-6016042-\$ or US-6025665-\$ or<br>US-6028403-\$).did. | USPAT | OR | ON | 2005/12/13 09:44 |
|-----|-----|--|-------|----|----|------------------|

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S11 | 1294 | (701/41).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/13 13:32 |
| S12 | 577  | S11 and (error or fail\$3 or impairment)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/13 13:58 |
| S13 | 352  | S11 and (error or fail\$3 or impairment) and torque and steer\$3 with control | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/19 07:47 |
| S14 | 296  | (701/42).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/30 08:06 |
| S15 | 1296 | (701/41).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/19 07:47 |
| S16 | 353  | S15 and (error or fail\$3 or impairment) and torque and steer\$3 with control | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/19 07:47 |
| S17 | 296  | (701/42).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/19 07:47 |
| S18 | 235  | S17 not S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/20 15:25 |
| S19 | 733  | (180/443).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/30 08:06 |
| S20 | 512  | S19 and torque  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/20 15:25 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S21 | 454  | S19 and torque and steer\$3 with control                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/12/20 15:27 |
| S22 | 226  | S19 and torque and steer\$3 with control and 701/41                           | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/12/20 15:27 |
| S23 | 217  | S19 and torque and steer\$3 with control and 701/41.ccls.                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/12/20 15:27 |
| S24 | 1296 | (701/41).CCLS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 15:28 |
| S25 | 353  | S24 and (error or fail\$3 or impairment) and torque and steer\$3 with control | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/12/20 15:28 |
| S26 | 296  | (701/42).CCLS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 15:28 |
| S27 | 235  | S26 not S25   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/12/20 15:28 |
| S28 | 574  | S19 not S27 not S25   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/12/20 15:28 |
| S29 | 1296 | (701/41).CCLS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/20 15:28 |
| S30 | 353  | S29 and (error or fail\$3 or impairment) and torque and steer\$3 with control | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2005/12/20 15:28 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S31 | 574  | S19 not S27 not S25 not S30   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/03 07:14 |
| S32 | 739  | (180/443).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/03 07:14 |
| S33 | 1302 | (701/41).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/03 07:14 |
| S34 | 354  | S33 and (error or fail\$3 or impairment) and torque and steer\$3 with control | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/03 07:14 |
| S35 | 296  | (701/42).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/03 07:14 |
| S36 | 235  | S35 not S34   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/03 07:14 |
| S37 | 1302 | (701/41).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/03 07:14 |
| S38 | 354  | S37 and (error or fail\$3 or impairment) and torque and steer\$3 with control | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/03 07:14 |
| S39 | 180  | S32 not S36 not S34 not S38 and (error or fail\$3 or impairment)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/03 07:15 |
| S40 | 601  | steer\$3 with control same motors same torque                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/03 13:26 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S41 | 70   | steer\$3 with control same motors<br>same torque same (fail\$3 or<br>impairment or error)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/30 08:07 |
| S42 | 17   | ("20040040778"   "3679956"  <br>"3735228"   "4179944"   "4215592"<br>  "4304375"   "4521707"  <br>"4614128"   "4637272"   "4834319"<br>  "4858491"   "5152381"  <br>"5347458"   "5374877"   "5670856"<br>  "6394218"   "6548969").PN. OR<br>("6820715").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/01/04 07:12 |
| S43 | 17   | ("20040040778"   "3679956"  <br>"3735228"   "4179944"   "4215592"<br>  "4304375"   "4521707"  <br>"4614128"   "4637272"   "4834319"<br>  "4858491"   "5152381"  <br>"5347458"   "5374877"   "5670856"<br>  "6394218"   "6548969").PN. OR<br>("6820715").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/06/06 10:30 |
| S44 | 2    | ("20040040778").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/26 13:15 |
| S45 | 2    | ("6548969").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/26 13:15 |
| S46 | 1480 | (701/41).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/30 08:06 |
| S47 | 346  | (701/42).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/30 08:06 |
| S48 | 813  | (180/443).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/30 08:06 |
| S49 | 76   | steer\$3 with control same motors<br>same torque same (fail\$3 or<br>impairment or error)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/01/30 08:07 |